

## ABSTRACT

A toll charging system responsive to a traveling length and the method for operating the same are disclosed. The system comprises a plurality of control path units, a user mobile communication unit, at least one mobile communication unit, and at least one financial unit. The method comprises the step of identifying a vehicle by a vehicle identification devices in outlet and control path unit. Then a signal emitting device transfers vehicle and location information to a mobile communication base unit. Then, the mobile communication device transfers a message of user's financial account and vehicle information to a mobile communication base unit. The signal emitting device transfers information to the mobile communication base unit. The mobile communication device again transfers a message of user's financial account and vehicle information. Then, a central processing unit calculates a toll responsive to received information; and paying the toll to a financial unit.